

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: February 1, 2005, 14:20:44 ; Search time 40 Seconds  
(without alignments)  
401.224 Million cell updates/sec

Title: US-10-629-329A-2  
Perfect score: 1322  
Sequence: 1 MSGCAGSGDCSCRCRQD.....SMKKVGLDPSQLPVGENGIV 242

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A-COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B-COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A-COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B-COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/PCITUS-COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	636	48.1	240	4	US-09-270-767-43331
2	546.5	41.3	284	4	US-09-248-796A-15143
3	495	37.4	244	4	US-09-538-092-461
4	168.5	12.7	238	4	US-09-252-991A-30160
5	149	11.3	205	4	US-09-489-039A-13421
6	145	11.0	231	3	US-09-172-952-32
7	137	10.4	238	3	US-09-172-952-18
8	136	10.3	234	4	US-09-583-110-4749
9	130	9.8	241	4	US-09-107-532A-4317
10	129.5	9.8	231	3	US-09-172-952-33
11	127.5	9.6	233	4	US-09-107-532A-5562
12	126	9.5	242	2	US-08-472-534-2
13	126	9.5	242	4	US-09-583-110-4289
14	125.5	9.5	241	4	US-09-134-000C-6065
15	116.5	8.8	240	3	US-08-926-842B-21
16	111.5	8.4	75	2	US-08-840-683-11
17	111.5	8.4	75	2	US-08-555-722-11
18	111.5	8.4	75	3	US-09-384-301-11
19	111.5	8.4	231	3	US-08-926-842B-20
20	110	8.3	244	4	US-09-489-039A-8943
21	108.5	8.2	216	4	US-09-489-039A-9000
22	107.5	8.1	225	4	US-09-489-039A-10152
23	106.5	8.1	285	4	US-09-489-039A-12402
24	104	7.9	229	3	US-08-926-842B-14
25	96.5	7.3	225	4	US-09-489-039A-11424
26	96.5	7.3	225	4	US-09-489-039A-13768
27	91	6.9	706	4	US-09-134-000C-5534

28	85.5	6.5	298	4	US-09-540-236-2717	Sequence 2717, Ap
29	84	6.4	462	4	US-09-129-112-15	Sequence 15, Appl
30	80.5	6.1	260	3	US-08-081-929-10	Sequence 10, Appl
31	80	6.1	399	4	US-09-489-039A-8023	Sequence 8023, Ap
32	80	6.1	3594	4	US-09-911-842A-4	Sequence 4, Appl
33	79.5	6.0	1729	4	US-09-553-690-2	Sequence 2, Appl
34	78.5	5.9	741	4	US-09-543-681A-8128	Sequence 8128, Ap
35	77.5	5.9	1497	1	US-08-623-679-7	Sequence 7, Appl
36	77.5	5.9	1497	3	US-08-933-774-7	Sequence 7, Appl
37	77.5	5.9	1497	3	US-09-181-030-7	Sequence 7, Appl
38	77.5	5.9	1497	3	US-09-534-242-7	Sequence 7, Appl
39	77.5	5.9	1497	3	US-09-454-854-7	Sequence 7, Appl
40	77.5	5.9	1497	3	US-09-164-671-7	Sequence 7, Appl
41	77.5	5.9	1497	3	US-09-182-113-7	Sequence 7, Appl
42	77.5	5.9	1533	1	US-08-623-679-9	Sequence 9, Appl
43	77.5	5.9	1533	3	US-08-933-774-9	Sequence 9, Appl
44	77.5	5.9	1533	3	US-09-181-030-9	Sequence 9, Appl
45	77.5	5.9	1533	3	US-09-534-242-9	Sequence 9, Appl

ALIGNMENTS

RESULT 1  
US-09-270-767-43331  
; Sequence 43331, Application US/09270767  
; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 43331  
; LENGTH: 240  
; TYPE: PRT  
; ORGANISM: Drosophila melanogaster  
US-09-270-767-43331

Query Match	48.1%	Score	636;	DB	4;	Length	240;
Best Local Similarity	68.9%	Pred. No.	38-62;	Mismatches	40;	Indels	0;
Matches	124;	Conservative	16;				
QY	22	EHPRLIPSLCRQFVHLGWVTGTTGGG	ISLKHGDEIYIAPSGVQKRIQPEDMFVCDINER	81			
DB	48	EHPRLIPSLCRQFVHLGWVTGTTGGG	MSIKYNDIYIAPSGVQKRMQPEDLFVQDITGK	107			
QY	82	DISGSPSKLKKSOCTPLFMNAYTMRGAGAVIHTSHKAAVMTLLFPQREPKITHQEMI	141				
DB	108	DIQLPPEIKGLKKSQCTPLFMAYQHRQAGAVIHTSHQAVMTLLPQKTRCTHLEMI	167				
QY	142	GKIKKCTSGYRYDDMLVVPPIENTPBEKGLKDRMAHMYPDSCAVLVRHHGVYVNG	201				
DB	168	KGVDEADKRYLDYDEELVVPPIENTPFERDLADSNYAMMEYPGCSALLVRRHGVYGLG	227				

RESULT 2  
US-09-248-796A-15143  
; Sequence 15143, Application US/09248796A  
; Patent No. 6747137  
; GENERAL INFORMATION:  
; APPLICANT: Keith Weinstock et al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA  
; FILE REFERENCE: 107196.132  
; CURRENT APPLICATION NUMBER: US/09/248,796A  
; CURRENT FILING DATE: 1999-02-12  
; PRIOR APPLICATION NUMBER: US 60/074,725  
; PRIOR FILING DATE: 1998-02-13  
; PRIOR APPLICATION NUMBER: US 60/096,409  
; PRIOR FILING DATE: 1998-08-13

Db 183 DTCVIVRRHGIFVWGPTIDKAKIFNBAIDYLMELAIKMTQMGI -PPDCGIGE 234

RESULT 4

US-09-252-991A-30160

; Sequence 30160, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/074,788

; PRIOR FILING DATE: 1998-02-18

; PRIOR APPLICATION NUMBER: US 60/094,190

; PRIOR FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO 30160

; LENGTH: 238

; TYPE: PRT

; ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-30160

Query Match 12.7%; Score 168.5; DB 4; Length 238;

Best Local Similarity 25.7%; Pred. No. 2.3e-10;

Matches 54; Conservative 33; Mismatches 110; Indels 13; Gaps 5;

Qy 13 SRRCGAQD-KEHPRYLIPELCKQFYHLGWVTGTGGGSLKHGDE-IYIAPSGVQKRIQPD 70

Db 29 ARGAGVNDNRQLTQOIIDAGRFLYGRGWSPATSSNYSARLDEQRALITVSGKHGQLGF 88

Qy 71 EDMFVCDINEKDISGSPSKLKKSOCTPLFNAYTMRGA-GAVIHTSKAAVMATLLFP 129

Db 89 DDVLA-----TDIAGNSLEPGKKPSAETLIHTQLIYANPAIGAVLHTSVNATVLSRLVR 143

Qy 130 GREFKITHQEMIKGKCTSGGYRYDDMLVVIPIENTPEEKGLKDRMAHAMNVEYDPSCA 189

Db 144 GDRVLQDYELQKAF-----AGVTTHGQVEVFIPNDQDIARLASRVQVWLEAHPHCPG 198

Qy 190 VLVRHGVYVWGETWEKAKTMCEYDLEFD 219

Db 199 YLIRGHGLYTWGARMSDALRQVEAFELFE 228

RESULT 5

US-09-489-039A-13421

; Sequence 13421, Application US/09489039A

; Patent No. 6610836

; GENERAL INFORMATION:

; APPLICANT: Gary Breton et. al

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 2709.2004001

; CURRENT APPLICATION NUMBER: US/09/489,039A

; CURRENT FILING DATE: 2000-01-27

; PRIOR APPLICATION NUMBER: US 60/117,747

; PRIOR FILING DATE: 1999-01-29

; NUMBER OF SEQ ID NOS: 14342

; SEQ ID NO 13421

; LENGTH: 205

; TYPE: PRT

; ORGANISM: Klebsiella pneumoniae

US-09-489-039A-13421

Query Match 11.3%; Score 149; DB 4; Length 205;

Best Local Similarity 24.7%; Pred. No. 2.7e-08;

Matches 47; Conservative 37; Mismatches 94; Indels 12; Gaps 5;

Qy 39 GWTGTGGGSLKHGDE-IYIAPSGVQKRIQPDMEFVCDINEKDISGSPSKLKKSQ 97

Db 23 GWAPATGNGMSVRQDDTWCWLSGSRDKGSLTTDFLOVEI-----ATNQAPSGR-KPSAE 77

; NUMBER OF SEQ ID NOS: 28208

; SEQ ID NO 15143

; LENGTH: 284

; TYPE: PRT

; ORGANISM: Candida albicans

US-09-248-796A-15143

Query Match 41.3%; Score 546.5; DB 4; Length 284;

Best Local Similarity 50.4%; Pred. No. 3.3e-52;

Matches 118; Conservative 29; Mismatches 64; Indels 23; Gaps 6;

Qy 19 QDKHEPRYLIPELCKQFYHLGWVTGTGGGSLKHGDE-----IYIAPSGVQKRIQPD 73

Db 45 KDPNHPANLICELCRLFYDNNWVTGTGGGSLRDVDPNPNLYIAPSGVQKRIQPD 104

Qy 74 FVCDI-NEKDISGSP--PSK-----KLKKSQCTPLFNAYTMRGA-VIHTSKAAVMAT 125

Db 105 FLVELPDKILRTNDIPKELTKFYKPSACTPLFISCTYLRDAGACIHTSHQHAVMT 164

Qy 126 LIFPG-REFKITHQEMIKGKCTSG-----GVRYDDMLVVIPIENTPEEKGLKD 175

Db 165 LFFENEXEFAISHIEQIKALPKUKYNDETCKIEKISMEYDYLVIPIENTPHEEDLTD 224

Qy 176 RMAHAMNVEYDPSCAVLVRHGVYVWGETWEKAKTMCEYDLEFDIAVSKKVG 229

Db 225 SLQEAINKYPCASAVLVRHGVYVWGETWVKAKVYNEAIDYLLLEAVKMKLAGI 278

RESULT 3

US-09-538-092-461

; Sequence 461, Application US/09538092

; Patent No. 6753314

; GENERAL INFORMATION:

; APPLICANT: Glot, Loic

; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same

; FILE REFERENCE: 15966-542

; CURRENT APPLICATION NUMBER: US/09/538,092

; CURRENT FILING DATE: 2000-03-29

; PRIOR APPLICATION NUMBER: 60/127,352

; PRIOR FILING DATE: 1999-04-01

; PRIOR APPLICATION NUMBER: 60/178,965

; PRIOR FILING DATE: 2000-02-01

; NUMBER OF SEQ ID NOS: 1387

; SOFTWARE: CuraPatSeqformatter Version 0.9

; SEQ ID NO 461

; LENGTH: 244

; TYPE: PRT

; ORGANISM: Saccharomyces cerevisiae

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION: (0)...(0)

; OTHER INFORMATION: Polypeptide Accession Number YJ024C

US-09-538-092-461

Query Match 37.4%; Score 495; DB 4; Length 244;

Best Local Similarity 45.9%; Pred. No. 1.4e-46;

Matches 107; Conservative 37; Mismatches 69; Indels 20; Gaps 7;

Qy 18 AQDKEHPRYLIPELCKQFYHLGWVTGTGGGSLK--HGDEIYIAPSGVQKRIQPD 75

Db 10 SDPCHPANLICTLCKQFFHNWCTGTGGGSIKDPNTNYYLAPSGVQKRIQPD 69

Qy 76 CDINEKD-ISGSPSKLKKSOCTPLFNAYTMRGA-VIHTSKAAVMATLLFPGRFK 134

Db 70 MDAQTLLEYLRSP---KLYKPSACTPLFLACYQKKAGAILIHTSHQNAVICSLLP-GDEFR 125

Qy 135 ITHQEMIKGI-----KCTSGGYRYDDMLVVIPIENTPEEKGLKDRMAHAMNVEY 185

Db 126 IANIEQIKALPSGKVDPVTKPKWALSFF---DTLKIPITENMAHDELDLHLTKFDYP 182

Qy 186 DSCAVLVRHGVYVWGETWEKAKTMCEYDLEFDIAVSKKVGDLPSQLPVE 238



```
/
/ ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
/
/ NUMBER OF SEQUENCES: 7310
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: GENOME THERAPEUTICS CORPORATION
/ STREET: 100 Beaver Street
/ CITY: Waltham
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02354
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: CD/ROM ISO9660
/ OPERATING SYSTEM: <Unknown>
/ SOFTWARE: ASCII
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/107,532A
/ FILING DATE: 30-Jun-1998
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/085,598
/ FILING DATE: 14 May 1998
/ APPLICATION NUMBER: 60/051571
/ FILING DATE: July 2, 1997
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ariniello, Pamela Deneke
/ REGISTRATION NUMBER: 40,489
/ REFERENCE/DOCKET NUMBER: GTC-012
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (781)893-5007
/ TELEFAX: (781)893-8277
/
/ INFORMATION FOR SEQ ID NO: 4317:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 241 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ HYPOTHEICAL: YES
/ ORIGINAL SOURCE:
/ ORGANISM: Enterococcus faecium
/
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (B) LOCATION 1...241
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/ SEQUENCE DESCRIPTION: SEQ ID NO: 4317:
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/ US-09-107-532A-4317
/
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/ Query Match
/ Best Local Similarity 9.8%; Score 130; DB 4; Length 241;
/ Matches 63; Conservative 21; Mismatches 74; Indels 80; Gaps 11;
/
/ QY 24 PRLYPELCKQFHLGWVTGTGGISL--KHGDEIYIAPSGVQKERIQEDMFVCDINEK 81
/ Db 27 PRY-----GLVKLTWGNVSEVDRELGVIVIKESGVRYECMQADQMVTDLSGN 74
/
/ QY 82 DISGSPSKKLKKSQCTPLFMNAY--TMRGAGAVIHTHSKAAVMATLLFPGRF---FKITH 137
/ Db 75 ILEEDS---LKPSDLPHVVLVYQTFEDITAITHTSHSVWNAQ--AGRDLPAYGTH 128
/
/ QY 138 QEMIKGIKKT-----SGGYRYDDMLVPIENTPEEKGLKDRMAHAMN 182
/ Db 129 ADAFYGVKPCVTRLTKEEVREAYEVTGN-----VIVETFKERKLDP-----N 171
/
/ QY 183 EYPDSCAVLVRBHVYVWGTETWEKA-----KTMCECYDILFD 219
/ Db 172 EVP---GVLVYGHGPTWGDSPMKAVENSILDEICLMAKENLINPNICEIPQYLLD 226
/
/
/ RESULT 10
/ US-09-172-952-33
/ Sequence 33, Application US/09172952
/ Patent No. 6368793
/ GENERAL INFORMATION:
/ APPLICANT: Hoch, James
/ APPLICANT: Dartois, Veronique
/ TITLE OF INVENTION: METABOLIC SELECTION METHODS
/
/
/ FILE REFERENCE: 234/191
/ CURRENT APPLICATION NUMBER: US/09/172,952
/ CURRENT FILING DATE: 1998-10-14
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 33
/ LENGTH: 231
/ TYPE: PRT
/ ORGANISM: Yias-Hi
/ US-09-172-952-33
/
/
/ Query Match
/ Best Local Similarity 9.8%; Score 129.5; DB 3; Length 231;
/ Matches 50; Conservative 24; Mismatches 73; Indels 33; Gaps 9;
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/ QY 36 YHLGWVTGTGGISL--KHGDEIYIAPSGVQKERIQEDMFVCDINEKDISGSPSKKLK 93
/ Db 19 HHL--VTFWGNVSAIDREKNLVVTKPSGVDVDMVTENDMVVDL-----FTGNIVEGNKK 72
/
/ QY 94 KSQCTPLFMNAY--TMRGAGAVIHTHSK--AAVMATLLFPGRFETHQEMIKGIKKT--- 148
/ Db 73 PSSDTPHLELYRQPHIGGIVHTSRHATIWAQAGLDIIEVGTTHGDYFYGTIPTCTROM 132
/
/ QY 149 -----SGGYRYDDMLVPIENTPEEKGLKDRMAHAMNEYPDSC-AVLVRHGVYVWGE 202
/ Db 133 TTKEIKGNY-----ELETGKVIVETFLSRGIE-----PDNIPAVLVHSHGPPFANGK 178
/
/
/ RESULT 11
/ US-09-107-532A-5562
/ Sequence 5562, Application US/09107532A
/ Patent No. 6583275
/ GENERAL INFORMATION:
/ APPLICANT: Lynn A Doucette-Stamm and David Bush
/ TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
/ ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
/
/ NUMBER OF SEQUENCES: 7310
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: GENOME THERAPEUTICS CORPORATION
/ STREET: 100 Beaver Street
/ CITY: Waltham
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02354
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: CD/ROM ISO9660
/ COMPUTER: PC
/ OPERATING SYSTEM: <Unknown>
/ SOFTWARE: ASCII
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/107,532A
/ FILING DATE: 30-Jun-1998
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/085,598
/ FILING DATE: 14 May 1998
/ APPLICATION NUMBER: 60/051571
/ FILING DATE: July 2, 1997
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ariniello, Pamela Deneke
/ REGISTRATION NUMBER: 40,489
/ REFERENCE/DOCKET NUMBER: GTC-012
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (781)893-5007
/ TELEFAX: (781)893-8277
/
/ INFORMATION FOR SEQ ID NO: 5562:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 233 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ HYPOTHEICAL: YES
/ ORIGINAL SOURCE:
/ ORGANISM: Enterococcus faecium
/
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;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1....233
; SEQUENCE DESCRIPTION: SEQ ID NO: 5562:
US-09-107-532A-5562

Query Match          9.6%; Score 127.5; DB 4; Length 233;
Best Local Similarity 26.8%; Pred. No. 8e-06; Indels 43; Gaps 12;
Matches 62; Conservative 29; Mismatches 97;

QY 27 LPELCKQFYHL-----GWTGTGGGSLKHGDEIY--IAPSGVQKRIQPEDMFVCD 77
   :::::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 2 MLEQLKEEYQANLDLPKHGLVKYTWGNVSADFDPETRYFVVKPSGVSEYBEMTADDMVVVD 61
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

QY 78 INEKDISGSPSKLKKSOCTPLFMWAY-TMGAGAVIHTHSKAAVM---ATLLPGRF 133
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 62 LDNHIEG-----KLNPSDDTPTHAVLYRSFPQIGGIVHTSTWATWAQAGLDVPA--M 114
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

QY 134 KITHQEMIKGKIKCT-----SGYYRYDDMLVVPPIENTPBEKGLKDRMAHAMNEY 184
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 115 GTHADTFGVSVPCARFLTQOEIDSG--YEYETGKV--IIEFKERK--IDPLA-----I 163
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

QY 185 PDSCAVLVRHGGVYVMGTWEKAKTMCECYDLFDIAVSMKKVGLDPSQLP 235
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 164 P---GVLLHGHGPFPTWGDQAQSAVMNAVVLDEVCKMNLFTRLQINSFSEELP 211
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

RESULT 12
US-08-472-534-2
; Sequence 2, Application US/08472534
; Patent No. 5919620
; GENERAL INFORMATION:
; APPLICANT: Hamel, Josee
; APPLICANT: Brodeur, Bernard R
; APPLICANT: Martin, Denis
; TITLE OF INVENTION: HEAT SHOCK PROTEIN HSP72 FROM
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Fish & Neave
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,534
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Haley Jr, James F
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: Biovac-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-596-9000
; TELEFAX: 212-596-9090
; TELEX: 14-8367
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-472-534-2

Query Match          9.5%; Score 126; DB 2; Length 242;
Best Local Similarity 23.6%; Pred. No. 1.2e-05; Indels 32; Gaps 8;
Matches 45; Conservative 30; Mismatches 84;

QY 18 AODKEHPRYLPELCKQFYHLGWTGTGGGSLK-HGDEIYIAPSGVQKRIQPEDMFVC 76
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 2 SQDEKLIREQICDVCHKWQLGWAANDGNVSVRLDEDTILATPTGISKSFTPEKLVKL 61
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

QY 77 DINEKDISGPS---PSKKLKKSOCTPLFMWAYTMR-GAGAVIHTHSKAAV-MATLLPGR 131
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 62 NLKGEILEAEGDYCPSEIK-----MHIRCVEEREDVRSVVHAHPPIATGTFALAHPLD 115
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

QY 132 EFKITHQEMIKGKIKCTSGYYRYDDMLVVPPIENTPBEKGLKDRMAHAMNEY-PDSCAV 190
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 116 TYSLIESAIVVGAIPITPFG-----VPSTMEVPE-----AITPYLPDHDVM 156
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

QY 191 LVRRHGVYVMG 201
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db 157 LLENHGALTVG 167
   :::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

RESULT 14
US-09-134-000C-6065
; Sequence 6065, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
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